



Thermal Spray Inspector Exam

Exam Preparation Guide

Table of Contents

Introduction3

Requirements4

Exam Blueprint5

Introduction

As thermal spray coatings become more widely used in the protective coatings industry, it becomes more important to ensure these coating systems are applied properly. This exam covers the inspection of thermal spray from pre-surface preparation through coating application.

Thermal Spray Inspectors should be able to recognize and describe the proper role of the inspector, recognize common inspection hold points and quality control procedures for thermal spray inspection, and implement and follow correct thermal spray inspection procedures for surface preparation and application.

Test Name	Thermal Spray Inspector
Total Seat Time	45 minutes
Number of Questions	25
Format	CBT - Live Online Remote Proctoring (Examity)

NOTE: A **Pass/Fail** result is provided at the end of the exam.

Requirements

Requirements for Thermal Spray Specialty Endorsement

- Prerequisites
- Exams Requirements

Prerequisites
Thermal Spray Inspector Training
Active Basic Coatings Inspector (CIP Level 1) Certification or higher
Exam Requirements
Theory Exam (CBT)

Endorsement renewal requirements

- Thermal Spray Specialty Endorsement renews automatically alongside your Basic/Certified/Senior Certified Coatings Inspector certification (CIP Level 1/2/3). No additional requirements are needed.

Upon successful completion of requirements, the candidate will be awarded an **AMPP Thermal Spray Specialty Endorsement**.

**Approval required*

Exam Blueprint

NOTE: At the end of the computer-based exam, candidates will receive a bar chart of strengths and weaknesses that correspond to these Domains.

1. Thermal Spray Overview (1% - 5%)
2. The Inspector's Role (5% - 10%)
3. Inspection Hold Points (1% - 5%)
4. Thermal Spray Inspection Procedures (1% - 5%)
5. Inspecting Surface Preparation (40% - 45%)
6. Inspecting Applied TSC (40% - 45%)
7. Thermal Spray Safety (1% - 5%)